

# Stephen S Hecht

## List of Publications by Year in Descending Order

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**Version:** 2024-04-17

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

498  
papers

26,271  
citations

81  
h-index

139  
g-index

519  
ext. papers

28,941  
ext. citations

5.5  
avg. IF

7.35  
L-index

#	Paper	IF	Citations
498	Smokeless tobacco and cigarette smoking: chemical mechanisms and cancer prevention.. <i>Nature Reviews Cancer</i> , <b>2022</b> ,	31.3	5
497	Urinary Nicotine Metabolites and Self-Reported Tobacco Use Among Adults in the Population Assessment of Tobacco and Health (PATH) Study, 2013-2014.. <i>Nicotine and Tobacco Research</i> , <b>2022</b> , 24, 768-777	4.9	1
496	Metabolic Activation and DNA Interactions of Carcinogenic -Nitrosamines to Which Humans Are Commonly Exposed.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	5
495	Metabolism and DNA Adduct Formation of Tobacco-Specific -Nitrosamines.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	3
494	Carcinogenic components of tobacco and tobacco smoke: A 2022 update. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 165, 113179	4.7	2
493	Large Differences in Urinary Benzene Metabolite S-Phenylmercapturic Acid Quantitation: A Comparison of Five LC-MS-MS Methods. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 657-665	2.9	0
492	Serum Concentrations of Cotinine and Trans-3PHydroxycotinine in US Adults: Results From Wave 1 (2013-2014) of the Population Assessment of Tobacco and Health Study.. <i>Nicotine and Tobacco Research</i> , <b>2021</b> ,	4.9	1
491	Cigarette smoking enhances the metabolic activation of the polycyclic aromatic hydrocarbon phenanthrene in humans. <i>Carcinogenesis</i> , <b>2021</b> , 42, 570-577	4.6	3
490	Identification of an -Nitrosornicotine-Specific Deoxyadenosine Adduct in Rat Liver and Lung DNA. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 992-1003	4	3
489	Harmonization of acronyms for volatile organic compound metabolites using a standardized naming system. <i>International Journal of Hygiene and Environmental Health</i> , <b>2021</b> , 235, 113749	6.9	3
488	Cigarette Smokers Versus Cannabis Smokers Versus Co-users of Cigarettes and Cannabis: A Pilot Study Examining Exposure to Toxicants. <i>Nicotine and Tobacco Research</i> , <b>2021</b> ,	4.9	2
487	Tobacco-Specific Nitrosamines (NNAL, NNN, NAT, and NAB) Exposures in the US Population Assessment of Tobacco and Health (PATH) Study Wave 1 (2013-2014). <i>Nicotine and Tobacco Research</i> , <b>2021</b> , 23, 573-583	4.9	12
486	Differences in exposure to toxic and/or carcinogenic volatile organic compounds between Black and White cigarette smokers. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2021</b> , 31, 211-223	6.7	8
485	Coexposure to Inhaled Aldehydes or Carbon Dioxide Enhances the Carcinogenic Properties of the Tobacco-Specific Nitrosamine 4-Methylnitrosamino-1-(3-pyridyl)-1-butanone in the A/J Mouse Lung. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 723-732	4	1
484	Exposure to Nicotine and Toxicants Among Dual Users of Tobacco Cigarettes and E-Cigarettes: Population Assessment of Tobacco and Health (PATH) Study, 2013-2014. <i>Nicotine and Tobacco Research</i> , <b>2021</b> , 23, 790-797	4.9	2
483	Investigation of 2PDeoxyadenosine-Derived Adducts Specifically Formed in Rat Liver and Lung DNA by PNitrosornicotine Metabolism. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 1004-1015	4	4
482	FEMA GRAS assessment of natural flavor complexes: Eucalyptus oil and other cyclic ether-containing flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 155, 112357	4.7	3

481	FEMA GRAS assessment of natural flavor complexes: Origanum oil, thyme oil and related phenol derivative-containing flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 155, 112378	4-7	1
480	Quantitation by liquid chromatography-nano electrospray ionization-high resolution tandem mass spectrometry of DNA adducts derived from methyl glyoxal and carboxyethylating agents in leukocytes of smokers and non-smokers. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 327, 109140	5	1
479	Oral Dosing of Dihydropyridine Ahead of Tobacco Carcinogen NNK Effectively Prevents Lung Tumorigenesis in A/J Mice. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 1980-1988	4	1
478	Applying Tobacco, Environmental, and Dietary-Related Biomarkers to Understand Cancer Etiology and Evaluate Prevention Strategies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 1904-1914	4	2
477	Urinary Cyanoethyl Mercapturic Acid, a Biomarker of the Smoke Toxicant Acrylonitrile, Clearly Distinguishes Smokers From Nonsmokers. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 1744-1747	4-9	7
476	Effects of 2-Phenethyl Isothiocyanate on Metabolism of 1,3-Butadiene in Smokers. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 91-100	3-2	5
475	The safety evaluation of food flavoring substances: the role of genotoxicity studies. <i>Critical Reviews in Toxicology</i> , <b>2020</b> , 50, 1-27	5-7	12
474	Quantitative Liquid Chromatography-Nano electrospray Ionization-High-Resolution Tandem Mass Spectrometry Analysis of Acrolein-DNA Adducts and Etheno-DNA Adducts in Oral Cells from Cigarette Smokers and Nonsmokers. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 2197-2207	4	5
473	Metabolism and DNA adduct formation of carcinogenic tobacco-specific nitrosamines found in smokeless tobacco products <b>2020</b> , 151-166		3
472	Resolution and Quantitation of Mercapturic Acids Derived from Crotonaldehyde, Methacrolein, and Methyl Vinyl Ketone in the Urine of Smokers and Nonsmokers. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 669-677	4	6
471	Relationships between the Nicotine Metabolite Ratio and a Panel of Exposure and Effect Biomarkers: Findings from Two Studies of U.S. Commercial Cigarette Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 871-879	4	6
470	Quantitation of phenanthrene dihydrodiols in the urine of smokers and non-smokers by gas chromatography-negative ion chemical ionization-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1141, 122023	3-2	4
469	Biomarkers of Exposure among Adult Smokeless Tobacco Users in the Population Assessment of Tobacco and Health Study (Wave 1, 2013-2014). <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 659-667	4	12
468	Analysis of Multiple Biomarkers Using Structural Equation Modeling.. <i>Tobacco Regulatory Science (discontinued)</i> , <b>2020</b> , 6, 266-278	2	
467	Cigarette Smokers Versus Couusers of Cannabis and Cigarettes: Exposure to Toxicants. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 1383-1389	4-9	8
466	A Randomized Clinical Trial Examining the Effects of Instructions for Electronic Cigarette Use on Smoking-Related Behaviors and Biomarkers of Exposure. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 1524-1532	4-9	28
465	FEMA GRAS assessment of natural flavor complexes: Cinnamomum and Myroxylon-derived flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 135, 110949	4-7	9
464	Identification and quantification of phenanthrene ortho-quinones in human urine and their association with lipid peroxidation. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115342	9-3	3

463	FEMA GRAS assessment of natural flavor complexes: Lavender, Guaiac Coriander-derived and related flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111584	4-7	1
462	FEMA GRAS assessment of natural flavor complexes: Clove, cinnamon leaf and West Indian bay leaf-derived flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111585	4-7	11
461	Mass Spectrometric Quantitation of Apurinic/Apyrimidinic Sites in Tissue DNA of Rats Exposed to Tobacco-Specific Nitrosamines and in Lung and Leukocyte DNA of Cigarette Smokers and Nonsmokers. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 2475-2486	4	3
460	Biochemical Verification of Tobacco Use and Abstinence: 2019 Update. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 1086-1097	4-9	125
459	FEMA GRAS assessment of natural flavor complexes: Mint, buchu, dill and caraway derived flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 135, 110870	4-7	12
458	A Randomized Clinical Trial of Snus Examining the Effect of Complete Versus Partial Cigarette Substitution on Smoking-Related Behaviors, and Biomarkers of Exposure. <i>Nicotine and Tobacco Research</i> , <b>2020</b> , 22, 473-481	4-9	2
457	The Impact of One-week Dietary Supplementation with Kava on Biomarkers of Tobacco Use and Nitrosamine-based Carcinogenesis Risk among Active Smokers. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 483-492	3-2	4
456	Chemical biomarkers of exposure and early damage from potentially carcinogenic airborne pollutants. <i>Annals of Cancer Epidemiology</i> , <b>2019</b> , 3, 5-5	1-3	6
455	Racial/Ethnic Differences in Lung Cancer Incidence in the Multiethnic Cohort Study: An Update. <i>Journal of the National Cancer Institute</i> , <b>2019</b> , 111, 811-819	9-7	35
454	Urinary concentrations of monohydroxylated polycyclic aromatic hydrocarbons in adults from the U.S. Population Assessment of Tobacco and Health (PATH) Study Wave 1 (2013-2014). <i>Environment International</i> , <b>2019</b> , 123, 201-208	12-9	22
453	Effects of immediate versus gradual nicotine reduction in cigarettes on biomarkers of biological effects. <i>Addiction</i> , <b>2019</b> , 114, 1824-1833	4-6	3
452	Longitudinal stability in cigarette smokers of urinary eicosanoid biomarkers of oxidative damage and inflammation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215853	3-7	7
451	Recent Studies on DNA Adducts Resulting from Human Exposure to Tobacco Smoke. <i>Toxics</i> , <b>2019</b> , 7,	4-7	30
450	Methyl DNA phosphate adduct formation in lung tumor tissue and adjacent normal tissue of lung cancer patients. <i>Carcinogenesis</i> , <b>2019</b> , 40, 1387-1394	4-6	5
449	Mass Spectrometric Quantitation of Pyridyloxobutyl DNA Phosphate Adducts in Rats Chronically Treated with NPNitrosornicotine. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 773-783	4	6
448	Effects of cessation of cigarette smoking on eicosanoid biomarkers of inflammation and oxidative damage. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218386	3-7	11
447	Dose-dependent detoxication of the airborne pollutant benzene in a randomized trial of broccoli sprout beverage in Qidong, China. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 675-684	7	15
446	Biomarkers of Exposure and Potential Harm among Natural American Spirit Smokers. <i>Tobacco Regulatory Science (discontinued)</i> , <b>2019</b> , 5, 339-351	2	3

445	Effects of 6-Week Use of Very Low Nicotine Content Cigarettes in Smokers With Serious Mental Illness. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, S38-S45	4.9	22
444	FEMA GRAS assessment of natural flavor complexes: Citrus-derived flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 124, 192-218	4.7	18
443	Analysis of Acrolein-Derived 1, N-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 318-325	4	22
442	Prediagnostic levels of urinary 8-epi-prostaglandin F <sub>2</sub> and prostaglandin E <sub>2</sub> metabolite, biomarkers of oxidative damage and inflammation, and risk of hepatocellular carcinoma. <i>Carcinogenesis</i> , <b>2019</b> , 40, 989-997	4.6	7
441	Longitudinal stability in cigarette smokers of urinary biomarkers of exposure to the toxicants acrylonitrile and acrolein. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210104	3.7	13
440	Metastasis to the F344 Rat Pancreas from Lung Cancer Induced by 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of Its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol, Constituents of Tobacco Products. <i>Toxicologic Pathology</i> , <b>2018</b> , 46, 184-192	2.1	6
439	Identification of more than 100 structurally unique DNA-phosphate adducts formed during rat lung carcinogenesis by the tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Carcinogenesis</i> , <b>2018</b> , 39, 232-241	4.6	18
438	The safety evaluation of food flavouring substances: the role of metabolic studies. <i>Toxicology Research</i> , <b>2018</b> , 7, 618-646	2.6	12
437	Updated procedure for the safety evaluation of natural flavor complexes used as ingredients in food. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 113, 171-178	4.7	17
436	Analysis and Identification of 2PDeoxyadenosine-Derived Adducts in Lung and Liver DNA of F-344 Rats Treated with the Tobacco-Specific Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. <i>Chemical Research in Toxicology</i> , <b>2018</b> , 31, 250-270	4	17
435	Acrolein Exposure in Hookah Smokers and Non-Smokers Exposed to Hookah Tobacco Secondhand Smoke: Implications for Regulating Hookah Tobacco Products. <i>Nicotine and Tobacco Research</i> , <b>2018</b> , 20, 492-501	4.9	19
434	Relationship of the oxidative damage biomarker 8-epi-prostaglandin F <sub>2</sub> to risk of lung cancer development in the Shanghai Cohort Study. <i>Carcinogenesis</i> , <b>2018</b> , 39, 948-954	4.6	16
433	Tobacco biomarkers and genetic/epigenetic analysis to investigate ethnic/racial differences in lung cancer risk among smokers. <i>Npj Precision Oncology</i> , <b>2018</b> , 2, 17	9.8	25
432	Identification and analysis of a mercapturic acid conjugate of indole-3-methyl isothiocyanate in the urine of humans who consumed cruciferous vegetables. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1072, 341-346	3.2	2
431	Methyl DNA Phosphate Adduct Formation in Rats Treated Chronically with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of Its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. <i>Chemical Research in Toxicology</i> , <b>2018</b> , 31, 48-57	4	12
430	Comparison of Nicotine and Toxicant Exposure in Users of Electronic Cigarettes and Combustible Cigarettes. <i>JAMA Network Open</i> , <b>2018</b> , 1, e185937	10.4	224
429	Effect of Immediate vs Gradual Reduction in Nicotine Content of Cigarettes on Biomarkers of Smoke Exposure: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 880-891	27.4	76
428	Analysis of NPnitrosonornicotine enantiomers in human urine by chiral stationary phase liquid chromatography-nanoelectrospray ionization-high resolution tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1044-1045, 127-131	3.2	8

427	Identification of 4-(3-Pyridyl)-4-oxobutyl-2Pdeoxycytidine Adducts Formed in the Reaction of DNA with 4-(Acetoxymethylnitrosamino)-1-(3-pyridyl)-1-butanone: A Chemically Activated Form of Tobacco-Specific Carcinogens. <i>ACS Omega</i> , <b>2017</b> , 2, 1180-1190	3.9	9
426	CYP2A6 genetic polymorphisms and biomarkers of tobacco smoke constituents in relation to risk of lung cancer in the Singapore Chinese Health Study. <i>Carcinogenesis</i> , <b>2017</b> , 38, 411-418	4.6	39
425	Biomarkers of exposure to new and emerging tobacco delivery products. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 313, L425-L452	5.8	56
424	Tobacco, e-cigarettes, and child health. <i>Current Opinion in Pediatrics</i> , <b>2017</b> , 29, 225-230	3.2	25
423	Oral Cell DNA Adducts as Potential Biomarkers for Lung Cancer Susceptibility in Cigarette Smokers. <i>Chemical Research in Toxicology</i> , <b>2017</b> , 30, 367-375	4	23
422	Investigation of the presence in human urine of mercapturic acids derived from phenanthrene, a representative polycyclic aromatic hydrocarbon. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 274, 80-88	5	
421	Pilot in Vivo Structure-Activity Relationship of Dihydropyridine in Blocking 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone-Induced O-Methylguanine and Lung Tumor in A/J Mice. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7935-7940	8.3	9
420	A General Method for Detecting Nitrosamide Formation in the In Vitro Metabolism of Nitrosamines by Cytochrome P450s. <i>Journal of Visualized Experiments</i> , <b>2017</b> ,	1.6	2
419	Ultrasensitive High-Resolution Mass Spectrometric Analysis of a DNA Adduct of the Carcinogen Benzo[a]pyrene in Human Lung. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12735-12742	7.8	34
418	High Level of Tobacco Carcinogen-Derived DNA Damage in Oral Cells Is an Independent Predictor of Oral/Head and Neck Cancer Risk in Smokers. <i>Cancer Prevention Research</i> , <b>2017</b> , 10, 507-513	3.2	21
417	Safety evaluation of substituted thiophenes used as flavoring ingredients. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 99, 40-59	4.7	12
416	Pyridylhydroxybutyl and pyridyloxobutyl DNA phosphate adduct formation in rats treated chronically with enantiomers of the tobacco-specific nitrosamine metabolite 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol. <i>Mutagenesis</i> , <b>2017</b> , 32, 561-570	2.8	12
415	Evaluation of Nitrosamide Formation in the Cytochrome P450-Mediated Metabolism of Tobacco-Specific Nitrosamines. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 2194-2205	4	16
414	Genetic determinants of cytochrome P450 2A6 activity and biomarkers of tobacco smoke exposure in relation to risk of lung cancer development in the Shanghai cohort study. <i>International Journal of Cancer</i> , <b>2016</b> , 138, 2161-71	7.5	30
413	Tobacco-specific N-nitrosamines and polycyclic aromatic hydrocarbons in cigarettes smoked by the participants of the Shanghai Cohort Study. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 1261-9	7.5	20
412	Exposure and Metabolic Activation Biomarkers of Carcinogenic Tobacco-Specific Nitrosamines. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 106-14	24.3	83
411	DNA Adduct Formation from Metabolic 5PHydroxylation of the Tobacco-Specific Carcinogen NPNitrososornicotine in Human Enzyme Systems and in Rats. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 380-9	4	20
410	Dietary Dihydropyridine Increases Glucuronidation of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in A/J Mice, Potentially Enhancing Its Detoxification. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 422-7	4	7

409	Clinical Trial of 2-Phenethyl Isothiocyanate as an Inhibitor of Metabolic Activation of a Tobacco-Specific Lung Carcinogen in Cigarette Smokers. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 396-405	3.2	44
408	Analysis of O(6)-[4-(3-Pyridyl)-4-oxobut-1-yl]-2-Deoxyguanosine and Other DNA Adducts in Rats Treated with Enantiomeric or Racemic NP-Nitrosornicotine. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 87-95	4	18
407	Benzene Uptake and Glutathione S-transferase T1 Status as Determinants of S-Phenylmercapturic Acid in Cigarette Smokers in the Multiethnic Cohort. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150641	3.7	16
406	Key Characteristics of Carcinogens as a Basis for Organizing Data on Mechanisms of Carcinogenesis. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 713-21	8.4	290
405	Metabolites of the Polycyclic Aromatic Hydrocarbon Phenanthrene in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156203	3.7	17
404	Transcriptome profiling in oral cavity and esophagus tissues from (S)-NP-nitrosornicotine-treated rats reveals candidate genes involved in human oral cavity and esophageal carcinogenesis. <i>Molecular Carcinogenesis</i> , <b>2016</b> , 55, 2168-2182	5	6
403	FEMA expert panel review of p-mentha-1,8-dien-7-ol genotoxicity testing results. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 98, 201-209	4.7	6
402	A Randomized Controlled Trial of Progressively Reduced Nicotine Content Cigarettes on Smoking Behaviors, Biomarkers of Exposure, and Subjective Ratings. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 1125-33	4	31
401	2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 598-606	3.2	19
400	Potential contributions of the tobacco nicotine-derived nitrosamine ketone (NNK) in the pathogenesis of steatohepatitis in a chronic plus binge rat model of alcoholic liver disease. <i>Alcohol and Alcoholism</i> , <b>2015</b> , 50, 118-31	3.5	27
399	Variation in levels of the lung carcinogen NNAL and its glucuronides in the urine of cigarette smokers from five ethnic groups with differing risks for lung cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 561-9	4	32
398	Randomized Trial of Reduced-Nicotine Standards for Cigarettes. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 1340-9	59.2	237
397	Comprehensive High-Resolution Mass Spectrometric Analysis of DNA Phosphate Adducts Formed by the Tobacco-Specific Lung Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 2151-9	4	26
396	Benzene oxide is a substrate for glutathione S-transferases. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 242, 390-5	5	12
395	Associations Between Genetic Ancestries and Nicotine Metabolism Biomarkers in the Multiethnic Cohort Study. <i>American Journal of Epidemiology</i> , <b>2015</b> , 182, 945-51	3.8	11
394	Quantitative analysis of 3-Hydroxynorcotinine in human urine. <i>Nicotine and Tobacco Research</i> , <b>2015</b> , 17, 524-9	4.9	2
393	NIH electronic cigarette workshop: developing a research agenda. <i>Nicotine and Tobacco Research</i> , <b>2015</b> , 17, 259-69	4.9	80
392	Evaluation of toxicant and carcinogen metabolites in the urine of e-cigarette users versus cigarette smokers. <i>Nicotine and Tobacco Research</i> , <b>2015</b> , 17, 704-9	4.9	162

391	Self-reported Tobacco use does not correlate with carcinogen exposure in smokers with head and neck cancer. <i>Laryngoscope</i> , <b>2015</b> , 125, 1844-8	3.6	11
390	Elevated levels of mercapturic acids of acrolein and crotonaldehyde in the urine of Chinese women in Singapore who regularly cook at home. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120023	3.7	14
389	Evidence supporting product standards for carcinogens in smokeless tobacco products. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 20-6	3.2	26
388	Combined analysis of N-nitrosornicotine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in the urine of cigarette smokers and e-cigarette users. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 1007, 121-6	3.2	19
387	Combined analysis of the tobacco metabolites cotinine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in human urine. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 1514-7	7.8	14
386	Mercapturic Acids Derived from the Toxicants Acrolein and Crotonaldehyde in the Urine of Cigarette Smokers from Five Ethnic Groups with Differing Risks for Lung Cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124841	3.7	42
385	Urinary metabolites of a polycyclic aromatic hydrocarbon and volatile organic compounds in relation to lung cancer development in lifelong never smokers in the Shanghai Cohort Study. <i>Carcinogenesis</i> , <b>2014</b> , 35, 339-45	4.6	42
384	Liver tumor promotion by 2,3,7,8-tetrachlorodibenzo-p-dioxin is dependent on the aryl hydrocarbon receptor and TNF/IL-1 receptors. <i>Toxicological Sciences</i> , <b>2014</b> , 140, 135-43	4.4	30
383	Fifty years of tobacco carcinogenesis research: from mechanisms to early detection and prevention of lung cancer. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 1-8	3.2	35
382	It is time to regulate carcinogenic tobacco-specific nitrosamines in cigarette tobacco. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 639-47	3.2	40
381	Children's exposure to secondhand and thirdhand smoke carcinogens and toxicants in homes of hookah smokers. <i>Nicotine and Tobacco Research</i> , <b>2014</b> , 16, 961-75	4.9	49
380	Dihydemethysticin from kava blocks tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis and differentially reduces DNA damage in A/J mice. <i>Carcinogenesis</i> , <b>2014</b> , 35, 2365-72	4.6	21
379	Urinary 3,3'-diindolylmethane: a biomarker of glucobrassicin exposure and indole-3-carbinol uptake in humans. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2014</b> , 23, 282-7	4	32
378	Liquid chromatography-electrospray ionization-tandem mass spectrometry quantitation of urinary [pyridine-D4]4-hydroxy-4-(3-pyridyl)butanoic acid, a biomarker of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone metabolic activation in smokers. <i>Chemical Research in Toxicology</i> , <b>2014</b> , 27, 1547-55	4	4
377	Application of a high-resolution mass-spectrometry-based DNA adductomics approach for identification of DNA adducts in complex mixtures. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 1744-52	7.8	53
376	Effect of cigarette smoking on urinary 2-hydroxypropylmercapturic acid, a metabolite of propylene oxide. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 953-954, 126-31	3.2	10
375	Analysis of the benzene oxide-DNA adduct 7-phenylguanine by liquid chromatography-nanoelectrospray ionization-high resolution tandem mass spectrometry-parallel reaction monitoring: application to DNA from exposed mice and humans. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 215, 40-5	5	9
374	Rapid and sustainable detoxication of airborne pollutants by broccoli sprout beverage: results of a randomized clinical trial in China. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 813-823	3.2	124



373	Benzene uptake in Hookah smokers and non-smokers attending Hookah social events: regulatory implications. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2014</b> , 23, 2793-809	4	26
372	Quantitation of enantiomers of r-7,t-8,9,c-10-tetrahydroxy-7,8,9,10-tetrahydrobenzo[a]-pyrene in human urine: evidence supporting metabolic activation of benzo[a]pyrene via the bay region diol epoxide. <i>Mutagenesis</i> , <b>2014</b> , 29, 351-6	2.8	8
371	Urinary tobacco smoke-constituent biomarkers for assessing risk of lung cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 401-11	10.1	57
370	Tobacco-specific N-nitrosamine exposures and cancer risk in the Shanghai Cohort Study: remarkable coherence with rat tumor sites. <i>International Journal of Cancer</i> , <b>2014</b> , 134, 2278-83	7.5	36
369	GRASr2 evaluation of aliphatic acyclic and alicyclic terpenoid tertiary alcohols and structurally related substances used as flavoring ingredients. <i>Journal of Food Science</i> , <b>2014</b> , 79, R428-41	3.4	13
368	Clinical and biochemical studies support smokeless tobacco's carcinogenic potential in the human oral cavity. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 23-32	3.2	9
367	Chemoprevention of esophageal cancer with black raspberries, their component anthocyanins, and a major anthocyanin metabolite, protocatechuic acid. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 574-84	3.2	84
366	Thirdhand tobacco smoke: a tobacco-specific lung carcinogen on surfaces in smokers' homes. <i>Nicotine and Tobacco Research</i> , <b>2014</b> , 16, 26-32	4.9	29
365	Carcinogenicity and DNA adduct formation of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and enantiomers of its metabolite 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in F-344 rats. <i>Carcinogenesis</i> , <b>2014</b> , 35, 2798-806	4.6	37
364	Kava blocks 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in association with reducing O6-methylguanine DNA adduct in A/J mice. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 86-96	3.2	20
363	An Approach to the Evaluation of Berries for Cancer Prevention with Emphasis on Esophageal Cancer. <i>Methods in Pharmacology and Toxicology</i> , <b>2014</b> , 107-133	1.1	
362	Elevated levels of 1-hydroxypyrene and N-nitrosornicotine in smokers with head and neck cancer: A matched control study. <i>Head and Neck</i> , <b>2013</b> , 35, 1096-100	4.2	9
361	High throughput liquid chromatography-tandem mass spectrometry assay for mercapturic acids of acrolein and crotonaldehyde in cigarette smokers' urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 935, 36-40	3.2	34
360	Tobacco smoke biomarkers and cancer risk among male smokers in the Shanghai cohort study. <i>Cancer Letters</i> , <b>2013</b> , 334, 34-8	9.9	27
359	Longitudinal study of [D10]phenanthrene metabolism by the diol epoxide pathway in smokers. <i>Biomarkers</i> , <b>2013</b> , 18, 144-50	2.6	11
358	Contamination of deconjugation enzymes derived from <i>Helix pomatia</i> with the plant bioactive compounds 3,3'-diindolylmethane, 5-methoxypsoralen, and 8-methoxypsoralen. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 62, 188-93	4.7	3
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356	Quantitation of pyridyloxobutyl-DNA adducts in tissues of rats treated chronically with (R)- or (S)-N-nitrosornicotine (NNN) in a carcinogenicity study. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 1526-35	4	34

355	Analysis of 4-hydroxy-1-(3-pyridyl)-1-butanone (HPB)-releasing DNA adducts in human exfoliated oral mucosa cells by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 37-45	4	33
354	High throughput liquid and gas chromatography-tandem mass spectrometry assays for tobacco-specific nitrosamine and polycyclic aromatic hydrocarbon metabolites associated with lung cancer in smokers. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 1209-17	4	65
353	Reduced nicotine content cigarettes and nicotine patch. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2013</b> , 22, 1015-24	4	52
352	Assessing secondhand smoke using biological markers. <i>Tobacco Control</i> , <b>2013</b> , 22, 164-71	5.3	152
351	(S)-NPnitrosonornicotine, a constituent of smokeless tobacco, is a powerful oral cavity carcinogen in rats. <i>Carcinogenesis</i> , <b>2013</b> , 34, 2178-83	4.6	50
350	Nornicotine nitrosation in saliva and its relation to endogenous synthesis of NPnitrosonornicotine in humans. <i>Nicotine and Tobacco Research</i> , <b>2013</b> , 15, 591-5	4.9	27
349	Levels of (S)-NPnitrosonornicotine in U.S. tobacco products. <i>Nicotine and Tobacco Research</i> , <b>2013</b> , 15, 1305-10	4.9	26
348	Exposure to different sources of second-hand smoke during pregnancy and its effect on urinary cotinine and tobacco-specific nitrosamine (NNAL) concentrations. <i>Tobacco Control</i> , <b>2013</b> , 22, 194-200	5.3	27
347	Tobacco-specific nitrosamine exposures in smokers and nonsmokers exposed to cigarette or waterpipe tobacco smoke. <i>Nicotine and Tobacco Research</i> , <b>2013</b> , 15, 130-8	4.9	41
346	Genetic variability in the metabolism of the tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) to 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL). <i>International Journal of Cancer</i> , <b>2012</b> , 130, 1338-46	7.5	15
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344	Recommendations and proposed guidelines for assessing the cumulative evidence on joint effects of genes and environments on cancer occurrence in humans. <i>International Journal of Epidemiology</i> , <b>2012</b> , 41, 686-704	7.8	34
343	Kinetics of DNA adduct formation in the oral cavity after drinking alcohol. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2012</b> , 21, 601-8	4	55
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341	Tobacco carcinogen metabolites and DNA adducts as biomarkers in head and neck cancer: potential screening tools and prognostic indicators. <i>Head and Neck</i> , <b>2012</b> , 34, 441-7	4.2	25
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338	Monitoring tobacco-specific N-nitrosamines and nicotine in novel Marlboro and Camel smokeless tobacco products: findings from Round 1 of the New Product Watch. <i>Nicotine and Tobacco Research</i> , <b>2012</b> , 14, 274-81	4.9	37

337	Carcinogenic tobacco-specific N-nitrosamines in US cigarettes: three decades of remarkable neglect by the tobacco industry. <i>Tobacco Control</i> , <b>2012</b> , 21, 44-8	5.3	47
336	Research opportunities related to establishing standards for tobacco products under the Family Smoking Prevention and Tobacco Control Act. <i>Nicotine and Tobacco Research</i> , <b>2012</b> , 14, 18-28	4.9	98
335	Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China. <i>Carcinogenesis</i> , <b>2012</b> , 33, 101-7	4.6	94
334	Phenanthrene metabolism in smokers: use of a two-step diagnostic plot approach to identify subjects with extensive metabolic activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 342, 750-60	4.7	14
333	Anthocyanins and Cancer Prevention <b>2012</b> , 201-229		4
332	Urinary levels of volatile organic carcinogen and toxicant biomarkers in relation to lung cancer development in smokers. <i>Carcinogenesis</i> , <b>2012</b> , 33, 804-9	4.6	38
331	Evolution of research on the DNA adduct chemistry of N-nitrosopyrrolidine and related aldehydes. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 781-90	4	6
330	Analysis of r-7,t-8,9,c-10-tetrahydroxy-7,8,9,10-tetrahydrobenzo[a]pyrene in human urine: a biomarker for directly assessing carcinogenic polycyclic aromatic hydrocarbon exposure plus metabolic activation. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 73-80	4	26
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327	Immediate consequences of cigarette smoking: rapid formation of polycyclic aromatic hydrocarbon diol epoxides. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 246-52	4	37
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325	Quantitation of 7-ethylguanine in leukocyte DNA from smokers and nonsmokers by liquid chromatography-nanoelectrospray-high resolution tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 1729-34	4	25
324	Analysis of acrolein-derived 1,N2-propanodeoxyguanosine adducts in human leukocyte DNA from smokers and nonsmokers. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 119-24	4	44
323	The ratio of a urinary tobacco-specific lung carcinogen metabolite to cotinine is significantly higher in passive than in active smokers. <i>Biomarkers</i> , <b>2011</b> , 16, 491-7	2.6	23
322	Nicotine metabolite ratio predicts smoking topography and carcinogen biomarker level. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2011</b> , 20, 234-8	4	89
321	Major tobacco companies have technology to reduce carcinogen levels but do not apply it to popular smokeless tobacco products. <i>Tobacco Control</i> , <b>2011</b> , 20, 443	5.3	9
320	Metabolites of a tobacco-specific lung carcinogen in children exposed to secondhand or thirdhand tobacco smoke in their homes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2011</b> , 20, 1213-21	4	43

319	Urinary levels of cigarette smoke constituent metabolites are prospectively associated with lung cancer development in smokers. <i>Cancer Research</i> , <b>2011</b> , 71, 6749-57	10.1	91
318	Effect of oral snus and medicinal nicotine in smokers on toxicant exposure and withdrawal symptoms: a feasibility study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2011</b> , 20, 91-100	4	31
317	Urinary levels of the tobacco-specific carcinogen Nnitrosonornicotine and its glucuronide are strongly associated with esophageal cancer risk in smokers. <i>Carcinogenesis</i> , <b>2011</b> , 32, 1366-71	4.6	71
316	More than 500 trillion molecules of strong carcinogens per cigarette: use in product labelling?. <i>Tobacco Control</i> , <b>2011</b> , 20, 387	5.3	8
315	Metabolism of [D10]phenanthrene to tetraols in smokers for potential lung cancer susceptibility assessment: comparison of oral and inhalation routes of administration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2011</b> , 338, 353-61	4.7	25
314	Tobacco Smoke Carcinogens and Lung Cancer <b>2011</b> , 53-74		11
313	Tobacco Carcinogenesis <b>2011</b> , 3717-3719		1
312	Reduced nicotine content cigarettes: effects on toxicant exposure, dependence and cessation. <i>Addiction</i> , <b>2010</b> , 105, 343-55	4.6	177
311	Inhibition of lung carcinogenesis and critical cancer-related signaling pathways by N-acetyl-S-(N-2-phenethylthiocarbamoyl)-L-cysteine, indole-3-carbinol and myo-inositol, alone and in combination. <i>Carcinogenesis</i> , <b>2010</b> , 31, 1634-41	4.6	35
310	Elevated levels of volatile organic carcinogen and toxicant biomarkers in Chinese women who regularly cook at home. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2010</b> , 19, 1185-92	4	30
309	Preferential glutathione conjugation of a reverse diol epoxide compared with a bay region diol epoxide of benzo[a]pyrene in human hepatocytes. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 1397-402	4	15
308	Inhibition of vinyl carbamate-induced pulmonary adenocarcinoma by indole-3-carbinol and myo-inositol in A/J mice. <i>Carcinogenesis</i> , <b>2010</b> , 31, 239-45	4.6	28
307	Cancer Prevention with Berries: Role of Anthocyanins <b>2010</b> , 703-723		1
306	Tobacco smoke exposure in nonsmoking hospitality workers before and after a state smoking ban. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2010</b> , 19, 1016-21	4	26
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304	Abstinence and relapse rates following a college campus-based quit & win contest. <i>Journal of American College Health</i> , <b>2010</b> , 58, 365-72	2.2	10
303	Applying tobacco carcinogen and toxicant biomarkers in product regulation and cancer prevention. <i>Chemical Research in Toxicology</i> , <b>2010</b> , 23, 1001-8	4	82
302	Analysis of 23 polycyclic aromatic hydrocarbons in smokeless tobacco by gas chromatography-mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2010</b> , 23, 66-73	4	63

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298	Analysis of phenanthrene and benzo[a]pyrene tetraol enantiomers in human urine: relevance to the bay region diol epoxide hypothesis of benzo[a]pyrene carcinogenesis and to biomarker studies. <i>Chemical Research in Toxicology</i> , <b>2010</b> , 23, 900-8	4	63
297	Formaldehyde and leukemia: epidemiology, potential mechanisms, and implications for risk assessment. <i>Environmental and Molecular Mutagenesis</i> , <b>2010</b> , 51, 181-91	3.2	79
296	Formation and distribution of NNK metabolites in an isolated perfused rat lung. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 752-60	4	7
295	Interaction of CYP1B1, cigarette-smoke carcinogen metabolism, and lung cancer risk. <i>International Journal of Molecular Epidemiology and Genetics</i> , <b>2010</b> , 1, 295-309	0.9	11
294	Anthocyanins in black raspberries prevent esophageal tumors in rats. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 84-93	3.2	147
293	Eukaryotic initiation factor 4E binding protein family of proteins: sentinels at a translational control checkpoint in lung tumor defense. <i>Cancer Research</i> , <b>2009</b> , 69, 8455-62	10.1	37
292	A prospectively measured serum biomarker for a tobacco-specific carcinogen and lung cancer in smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2009</b> , 18, 260-6	4	97
291	Evidence for endogenous formation of NPnitrosornicotine in some long-term nicotine patch users. <i>Nicotine and Tobacco Research</i> , <b>2009</b> , 11, 99-105	4.9	43
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289	Comparative levels of O6-methylguanine, pyridyloxobutyl-, and pyridylhydroxybutyl-DNA adducts in lung and liver of rats treated chronically with the tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1147-51	4	35
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281	Quantitation of pyridyloxobutyl DNA adducts in nasal and oral mucosa of rats treated chronically with enantiomers of NPnitrosonornicotine. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 949-56	4	27
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279	Preferential glutathione conjugation of a reverse diol epoxide compared to a bay region diol epoxide of phenanthrene in human hepatocytes: relevance to molecular epidemiology studies of glutathione-s-transferase polymorphisms and cancer. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 426-32	4	12
278	Analysis of pyridyloxobutyl and pyridylhydroxybutyl DNA adducts in extrahepatic tissues of F344 rats treated chronically with 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and enantiomers of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 926-36	4	42
277	Smokeless tobacco and cancer. <i>Lancet Oncology, The</i> , <b>2008</b> , 9, 667-75	21.7	409
276	New and traditional smokeless tobacco: comparison of toxicant and carcinogen levels. <i>Nicotine and Tobacco Research</i> , <b>2008</b> , 10, 1773-82	4.9	195
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269	Dose-dependent inhibition of tobacco smoke carcinogen-induced lung tumorigenesis in A/J mice by indole-3-carbinol. <i>Cancer Prevention Research</i> , <b>2008</b> , 1, 568-76	3.2	27
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265	Smokeless tobacco reduction: preliminary study of tobacco-free snuff versus no snuff. <i>Nicotine and Tobacco Research</i> , <b>2008</b> , 10, 77-85	4.9	13
264	Combinations of N-Acetyl-S-(N-2-Phenethylthiocarbamoyl)-L-Cysteine and myo-inositol inhibit tobacco carcinogen-induced lung adenocarcinoma in mice. <i>Cancer Prevention Research</i> , <b>2008</b> , 1, 285-97	3.2	15
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262	Smoking reduction fails to improve clinical and biological markers of cardiac disease: a randomized controlled trial. <i>Nicotine and Tobacco Research</i> , <b>2008</b> , 10, 471-81	4.9	37
261	Chemopreventive effect of kava on 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone plus benzo[a]pyrene-induced lung tumorigenesis in A/J mice. <i>Cancer Prevention Research</i> , <b>2008</b> , 1, 430-8	3.2	32
260	Exposure to a tobacco-specific lung carcinogen in adolescent versus adult smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2008</b> , 17, 3337-43	4	6
259	Analysis of phenanthrene diol epoxide mercapturic acid detoxification products in human urine: relevance to molecular epidemiology studies of glutathione S-transferase polymorphisms. <i>Carcinogenesis</i> , <b>2008</b> , 29, 937-43	4.6	17
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253	Endogenous formation of NPnitrosornicotine in F344 rats in the presence of some antioxidants and grape seed extract. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 7199-204	5.7	20
252	Development of liquid chromatography electrospray ionization tandem mass spectrometry methods for analysis of DNA adducts of formaldehyde and their application to rats treated with N-nitrosodimethylamine or 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 1444-50	4	30
251	Quantitation of acrolein-derived (3-hydroxypropyl)mercapturic acid in human urine by liquid chromatography-atmospheric pressure chemical ionization tandem mass spectrometry: effects of cigarette smoking. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 986-90	4	119
250	Liquid chromatography-electrospray ionization tandem mass spectrometry analysis of 7-ethylguanine in human liver DNA. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 1498-502	4	24
249	Investigation of the reaction of myosmine with sodium nitrite in vitro and in rats. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 543-9	4	10
248	Identification of adducts formed in the reaction of alpha-acetoxy-N-nitrosopyrrolidine with deoxyribonucleosides and DNA. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 625-33	4	15

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246	Detection and quantitation of acrolein-derived 1,N <sup>2</sup> -propanodeoxyguanosine adducts in human lung by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 565-71	4	99
245	Quantitation of an acetaldehyde adduct in human leukocyte DNA and the effect of smoking cessation. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 108-13	4	62
244	Formation and accumulation of pyridyloxobutyl DNA adducts in F344 rats chronically treated with 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and enantiomers of its metabolite, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 235-45	4	73
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242	Cancer prevention with freeze-dried berries and berry components. <i>Seminars in Cancer Biology</i> , <b>2007</b> , 17, 403-10	12.7	128
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240	Developing the science base for reducing tobacco harm. <i>Nicotine and Tobacco Research</i> , <b>2007</b> , 9 Suppl 4, S537-53	4.9	43
239	Similar exposure to a tobacco-specific carcinogen in smokeless tobacco users and cigarette smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 1567-72	4	87
238	Urinary biomarkers to assess exposure of cats to environmental tobacco smoke. <i>American Journal of Veterinary Research</i> , <b>2007</b> , 68, 349-53	1.1	10
237	Detection of cotinine in newborn dried blood spots. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 1902-5	4	23
236	Relationship of human toenail nicotine, cotinine, and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol to levels of these biomarkers in plasma and urine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 1382-6	4	25
235	Pilot study on lower nitrosamine smokeless tobacco products compared with medicinal nicotine. <i>Nicotine and Tobacco Research</i> , <b>2007</b> , 9, 1309-23	4.9	31
234	Indole-3-carbinol inhibits 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone plus benzo(a)pyrene-induced lung tumorigenesis in A/J mice and modulates carcinogen-induced alterations in protein levels. <i>Cancer Research</i> , <b>2007</b> , 67, 6502-11	10.1	59
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225	Comparison of polymorphisms in genes involved in polycyclic aromatic hydrocarbon metabolism with urinary phenanthrene metabolite ratios in smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 1805-11	4	42
224	Toxicant exposure in cigarette reducers versus light smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 2355-8	4	35
223	Mass spectrometric quantitation of nicotine, cotinine, and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in human toenails. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 2378-83	4	34
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129	DNA adduct formation from tobacco-specific N-nitrosamines. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1999</b> , 424, 127-42	3.3	278
128	Evaluation of butylated hydroxyanisole, myo-inositol, curcumin, esculetin, resveratrol and lycopene as inhibitors of benzo[a]pyrene plus 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in A/J mice. <i>Cancer Letters</i> , <b>1999</b> , 137, 123-30	9.9	133
127	Quantitation of 4-oxo-4-(3-pyridyl)butanoic acid and enantiomers of 4-hydroxy-4-(3-pyridyl)butanoic acid in human urine: A substantial pathway of nicotine metabolism. <i>Chemical Research in Toxicology</i> , <b>1999</b> , 12, 172-9	4	42
126	Tobacco smoke carcinogens and lung cancer. <i>Journal of the National Cancer Institute</i> , <b>1999</b> , 91, 1194-2109.7	9.7	1438
125	Stereoselective metabolism of nicotine and tobacco-specific N-nitrosamines to 4-hydroxy-4-(3-pyridyl)butanoic acid in rats. <i>Chemical Research in Toxicology</i> , <b>1999</b> , 12, 164-71	4	25
124	Synthesis of anti-7,8-dihydroxy-9,10-epoxy-7,8,9, 10-tetrahydro-11-methylbenzo[a]pyrene and its reaction with DNA. <i>Chemical Research in Toxicology</i> , <b>1999</b> , 12, 341-6	4	7
123	Lactols in hydrolysates of DNA treated with alpha-acetoxy-N-nitrosopyrrolidine or crotonaldehyde. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 1567-73	4	22
122	Biochemistry, biology, and carcinogenicity of tobacco-specific N-nitrosamines. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 559-603	4	897

121	Characterization of amino acid and glutathione adducts of cis-2-butene-1,4-dial, a reactive metabolite of furan. <i>Chemical Research in Toxicology</i> , <b>1997</b> , 10, 866-74	4	100
120	A cyclic N7,C-8 guanine adduct of N-nitrosopyrrolidine (NPYR): formation in nucleic acids and excretion in the urine of NPYR-treated rats. <i>Chemical Research in Toxicology</i> , <b>1997</b> , 10, 772-8	4	26
119	Pyridyloxobutyl adduct O6-[4-oxo-4-(3-pyridyl)butyl]guanine is present in 4-(acetoxymethylnitrosamino)-1-(3-pyridyl)-1-butanone-treated DNA and is a substrate for O6-alkylguanine-DNA alkyltransferase. <i>Chemical Research in Toxicology</i> , <b>1997</b> , 10, 562-7	4	98
118	Approaches to Chemoprevention of Lung Cancer Based on Carcinogens in Tobacco Smoke. <i>Environmental Health Perspectives</i> , <b>1997</b> , 105, 955	8.4	13
117	Tobacco and cancer: approaches using carcinogen biomarkers and chemoprevention. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 833, 91-111	6.5	28
116	Synthesis of tobacco-specific N-nitrosamines and their metabolites and results of related bioassays. <i>Critical Reviews in Toxicology</i> , <b>1996</b> , 26, 139-47	5.7	32
115	Gastric carcinogenesis: 2-chloro-4-methylthiobutanoic acid, a novel mutagen in salted, pickled Sanma hiraki fish, or similarly treated methionine. <i>Chemical Research in Toxicology</i> , <b>1996</b> , 9, 58-66	4	39
114	Mammary carcinogenicity of diol epoxide metabolites of benzo[ <i>j</i> ]fluoranthene in female CD rats. <i>Cancer Letters</i> , <b>1996</b> , 106, 251-5	9.9	4
113	Carcinogen-derived biomarkers and lung cancer. <i>Preventive Medicine</i> , <b>1996</b> , 25, 7-9	4.3	6
112	Expression of a 32 kDa protein in rat mammary tumors induced by anti-benzo[ <i>c</i> ]phenanthrene-3,4-diol-1,2-epoxide. <i>International Journal of Cancer</i> , <b>1996</b> , 67, 124-8	7.5	1
111	The biological significance of tobacco-specific N-nitrosamines: smoking and adenocarcinoma of the lung. <i>Critical Reviews in Toxicology</i> , <b>1996</b> , 26, 199-211	5.7	91
110	Comparative tumorigenicity of benzo[ <i>a</i> ]pyrene, 1-nitropyrene and 2-amino-1-methyl-6-phenylimidazo[4,5- <i>b</i> ]pyridine administered by gavage to female CD rats. <i>Carcinogenesis</i> , <b>1995</b> , 16, 431-4	4.6	89
109	Tumorigenicity in newborn mice of fjord region and other sterically hindered diol epoxides of benzo[ <i>g</i> ]chrysene, dibenzo[ <i>a,l</i> ]pyrene (dibenzo[ <i>def,p</i> ]chrysene), 4H-cyclopenta[ <i>def</i> ]chrysene and fluoranthene. <i>Carcinogenesis</i> , <b>1995</b> , 16, 2813-7	4.6	87
108	Mammary carcinogenicity in female CD rats of fjord region diol epoxides of benzo[ <i>c</i> ]phenanthrene, benzo[ <i>g</i> ]chrysene and dibenzo[ <i>a,l</i> ]pyrene. <i>Carcinogenesis</i> , <b>1995</b> , 16, 1971-4	4.6	87
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106	Reactions of alpha-acetoxy-N-nitrosopyrrolidine and alpha-acetoxy-N-nitrosopiperidine with deoxyguanosine: formation of N2-tetrahydrofuranyl and N2-tetrahydropyranyl adducts. <i>Chemical Research in Toxicology</i> , <b>1995</b> , 8, 607-16	4	40
105	Identification of cis-2-butene-1,4-dial as a microsomal metabolite of furan. <i>Chemical Research in Toxicology</i> , <b>1995</b> , 8, 903-6	4	113
104	Lung tumor induction in A/J mice by the tobacco smoke carcinogens 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and benzo[ <i>a</i> ]pyrene: a potentially useful model for evaluation of chemopreventive agents. <i>Carcinogenesis</i> , <b>1994</b> , 15, 2721-5	4.6	86

103	Tobacco-specific nitrosamine-hemoglobin adducts. <i>Methods in Enzymology</i> , <b>1994</b> , 231, 657-67	1.7	17
102	Identification of 4-(methylnitrosamino)-1-[3-(6-hydroxypyridyl)]-1-butanone as a urinary metabolite of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone in rodents. <i>Chemical Research in Toxicology</i> , <b>1993</b> , 6, 794-9	4	14
101	G to A transitions and G to T transversions in codon 12 of the Ki-ras oncogene isolated from mouse lung tumors induced by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) and related DNA methylating and pyridyloxobutylating agents. <i>Carcinogenesis</i> , <b>1993</b> , 14, 2419-22	4.6	128
100	Effects of isothiocyanates on tumorigenesis by benzo[a]pyrene in murine tumor models. <i>Cancer Letters</i> , <b>1993</b> , 74, 151-9	9.9	71
99	A tobacco-specific lung carcinogen in the urine of men exposed to cigarette smoke. <i>New England Journal of Medicine</i> , <b>1993</b> , 329, 1543-6	59.2	155
98	Metabolism of the tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone in the patas monkey: pharmacokinetics and characterization of glucuronide metabolites. <i>Carcinogenesis</i> , <b>1993</b> , 14, 229-36	4.6	84
97	Formation of 7-(4-oxobutyl)guanine in hepatic DNA of rats treated with N-nitrosopyrrolidine. <i>Carcinogenesis</i> , <b>1992</b> , 13, 1909-11	4.6	13
96	N-ethyl-N-nitrosourea induced brain tumors in rats monitored by nuclear magnetic resonance imaging, plasma proton nuclear magnetic resonance spectroscopy and microscopy. <i>Cancer Letters</i> , <b>1992</b> , 67, 125-31	9.9	3
95	Evidence that a hemoglobin adduct of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone is a 4-(3-pyridyl)-4-oxobutyl carboxylic acid ester. <i>Chemical Research in Toxicology</i> , <b>1992</b> , 5, 76-80	4	21
94	Mass spectrometric analysis of tobacco-specific nitrosamine-DNA adducts in smokers and nonsmokers. <i>Chemical Research in Toxicology</i> , <b>1991</b> , 4, 364-8	4	117
93	Carcinogenicity of tobacco-specific N-nitrosamines (TSNA): the role of the vascular network in the selection of target organs. <i>Critical Reviews in Toxicology</i> , <b>1991</b> , 21, 255-64	5.7	7
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91	A/J mouse lung tumorigenesis by the tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and its inhibition by arylalkyl isothiocyanates. <i>Experimental Lung Research</i> , <b>1991</b> , 17, 501-11	2.3	19
90	Investigations of metabolic precursors to hemoglobin and DNA adducts of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Carcinogenesis</i> , <b>1990</b> , 11, 1329-33	4.6	24
89	Effects of deuterium substitution on the tumorigenicity of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in A/J mice. <i>Carcinogenesis</i> , <b>1990</b> , 11, 1017-20	4.6	44
88	Solvolysis of model compounds for alpha-hydroxylation of N-nitrosornicotine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone: evidence for a cyclic oxonium ion intermediate in the alkylation of nucleophiles. <i>Chemical Research in Toxicology</i> , <b>1990</b> , 3, 350-6	4	48
87	The effects of bay-region methyl substitution on 6-nitrochrysene mutagenicity in <i>Salmonella typhimurium</i> and tumorigenicity in newborn mice. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1685-9	4.6	5
86	Effects of alkyl chain length on the inhibition of NNK-induced lung neoplasia in A/J mice by arylalkyl isothiocyanates. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1757-9	4.6	111



85	Effects of catechol on the induction of tumors in mouse skin by 7,8-dihydroxy-7,8-dihydrobenzo[a]pyrenes. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1897-900	4.6	10
84	Detection of cyclic 1,N2-propanodeoxyguanosine adducts in DNA of rats treated with N-nitrosopyrrolidine and mice treated with crotonaldehyde. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1291-7	4.6	68
83	Cell specificity for the pulmonary metabolism of tobacco-specific nitrosamines in the Fischer rat. <i>Carcinogenesis</i> , <b>1989</b> , 10, 2269-74	4.6	32
82	Comparative tumorigenicity of 6-nitrochrysene and its metabolites in newborn mice. <i>Carcinogenesis</i> , <b>1989</b> , 10, 369-72	4.6	31
81	Mutagenicity, metabolism and DNA adduct formation of 6-nitrochrysene in Salmonella typhimurium. <i>Mutagenesis</i> , <b>1989</b> , 4, 235-40	2.8	24
80	Evaluation of 32P-postlabeling analysis of DNA from exfoliated oral mucosa cells as a means of monitoring exposure of the oral cavity to genotoxic agents. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1429-34	4.6	38
79	32P-postlabeling analysis of 1-nitropyrene-DNA adducts in female Sprague-Dawley rats. <i>Carcinogenesis</i> , <b>1989</b> , 10, 195-8	4.6	42
78	Chromatographic conditions for separation of 32P-labeled phosphates of major polynuclear aromatic hydrocarbon--deoxyribonucleoside adducts. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1971-4	4.6	23
77	Effects of fluorine substitution on the DNA binding and tumorigenicity of benzo[b]fluoranthene in mouse epidermis. <i>Chemico-Biological Interactions</i> , <b>1989</b> , 71, 279-90	5	4
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75	Rapid single-dose model for lung tumor induction in A/J mice by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and the effect of diet. <i>Carcinogenesis</i> , <b>1989</b> , 10, 1901-4	4.6	127
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72	Study of reactions of .alpha.,.beta.-unsaturated carbonyl compounds with deoxyguanosine. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 14-17	4.2	44
71	Synthesis and mutagenicity of 5-alkyl-substituted chrysene-1,2-diol-3,4-epoxides. <i>Carcinogenesis</i> , <b>1988</b> , 9, 2305-8	4.6	11
70	Metabolism of the carcinogen [3H]6-nitrochrysene in the preweanling mouse: identification of 6-aminochrysene-1,2-dihydrodiol as the probable proximate carcinogenic metabolite. <i>Carcinogenesis</i> , <b>1988</b> , 9, 1875-84	4.6	32
69	DNA and hemoglobin alkylation by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and its major metabolite 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in F344 rats. <i>Carcinogenesis</i> , <b>1988</b> , 9, 1665-8	4.6	36
68	Effects of dietary sinigrin or indole-3-carbinol on O6-methylguanine-DNA-transmethylase activity and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced DNA methylation and tumorigenicity in F344 rats. <i>Carcinogenesis</i> , <b>1988</b> , 9, 1891-5	4.6	43

67	Metabolism of K-region derivatives of 1-nitropyrene by rat liver in vitro. <i>Carcinogenesis</i> , <b>1988</b> , 9, 255-8	4.6	4
66	Evidence for 4-(3-pyridyl)-4-oxobutylation of DNA in F344 rats treated with the tobacco-specific nitrosamines 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone and NPnitrosonornicotine. <i>Carcinogenesis</i> , <b>1988</b> , 9, 161-5	4.6	91
65	Tobacco-specific nitrosamines, an important group of carcinogens in tobacco and tobacco smoke. <i>Carcinogenesis</i> , <b>1988</b> , 9, 875-84	4.6	607
64	Comparative metabolism and DNA binding of 6-nitro-5-methylchrysene and 5-methylchrysene. <i>Carcinogenesis</i> , <b>1987</b> , 8, 1327-31	4.6	6
63	Distribution and metabolism of NPnitrosonornicotine in the miniature pig. <i>Carcinogenesis</i> , <b>1987</b> , 8, 1741-7	4.6	10
62	Effects of alpha-deuterium substitution on the tumorigenicity of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone in F344 rats. <i>Carcinogenesis</i> , <b>1987</b> , 8, 291-4	4.6	19
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60	Effects of 6-nitro substitution on 5-methylchrysene tumorigenicity, mutagenicity and metabolism. <i>Carcinogenesis</i> , <b>1986</b> , 7, 673-6	4.6	6
59	Effects of the co-carcinogen catechol on benzo[a]pyrene metabolism and DNA adduct formation in mouse skin. <i>Carcinogenesis</i> , <b>1986</b> , 7, 9-15	4.6	24
58	Synthesis of 6-methylchrysene-1,2-diol-3,4-epoxides and comparison of their mutagenicity to 5-methylchrysene-1,2-diol-3,4-epoxides. <i>Carcinogenesis</i> , <b>1986</b> , 7, 2067-70	4.6	14
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56	Synthesis of K-region derivatives of the carcinogen 1-nitropyrene. <i>Carcinogenesis</i> , <b>1986</b> , 7, 1577-80	4.6	12
55	Comparative mutagenicity of 4-(carbethoxynitrosamino)-4-(3-pyridyl)butanal and 4-(carbethoxynitrosamino)-1-(3-pyridyl)-1-butanone, model compounds for alpha-hydroxylation of NPnitrosonornicotine. <i>Carcinogenesis</i> , <b>1986</b> , 7, 611-4	4.6	11
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53	The effect of chronic ethanol consumption on the tumorigenicity of N-nitrosopyrrolidine in male Syrian golden hamsters. <i>Cancer Letters</i> , <b>1986</b> , 33, 151-9	9.9	16
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50	Dual-label high-performance liquid chromatographic assay for femtomole levels of benzo[a]pyrene metabolites. <i>Analytical Biochemistry</i> , <b>1985</b> , 146, 442-7	3.1	9

49	Mutagenicity and tumor initiating activity of methylated benzo[b]fluoranthenes. <i>Carcinogenesis</i> , <b>1985</b> , 6, 1023-5	4.6	10
48	Formation of the cyclic 1,N2-glyoxal-deoxyguanosine adduct upon reaction of N-nitroso-2-hydroxymorpholine with deoxyguanosine. <i>Carcinogenesis</i> , <b>1985</b> , 6, 1671-3	4.6	25
47	Effects of dietary indoles and isothiocyanates on N-nitrosodimethylamine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone alpha-hydroxylation and DNA methylation in rat liver. <i>Carcinogenesis</i> , <b>1985</b> , 6, 539-43	4.6	94
46	Mutagenicity and tumor initiating activity of methylated benzo[k] fluoranthenes. <i>Cancer Letters</i> , <b>1985</b> , 26, 343-7	9.9	7
45	Nicotine: a precursor for carcinogens. <i>Cancer Letters</i> , <b>1985</b> , 26, 67-75	9.9	32
44	Analysis of syn- and anti-1,2-dihydroxy-3,4-epoxy-1,2,3,4-tetrahydro-5-methylchrysene -deoxyribonucleoside adducts by boronate chromatography. <i>Cancer Letters</i> , <b>1985</b> , 27, 91-7	9.9	3
43	On the analysis of 1-nitronaphthalene, 1-nitropyrene and 6-nitrochrysene in cigarette smoke. <i>Carcinogenesis</i> , <b>1985</b> , 6, 505-7	4.6	22
42	The bay-region geometry of some 5-methylchrysenes: steric effects in 5,6- and 5,12-dimethylchrysenes. <i>Carcinogenesis</i> , <b>1984</b> , 5, 1421-30	4.6	42
41	Tumorigenicity and metabolism of 1-nitropyrene in A/J mice. <i>Carcinogenesis</i> , <b>1984</b> , 5, 1449-52	4.6	73
40	Identification of ring oxidized metabolites of 1-nitropyrene in the feces and urine of germfree F344 rats. <i>Carcinogenesis</i> , <b>1984</b> , 5, 1371-3	4.6	40
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38	N-Nitroso-2-hydroxymorpholine, a mutagenic metabolite of N-nitrosodiethanolamine. <i>Carcinogenesis</i> , <b>1984</b> , 5, 1745-7	4.6	17
37	Roles of tobacco cellulose, sugars, and chlorogenic acid as precursors to catechol in cigarette smoke. <i>Journal of Agricultural and Food Chemistry</i> , <b>1984</b> , 32, 267-273	5.7	37
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30	N-nitrosamines: environmental occurrence, in vivo formation and metabolism. <i>Journal of Toxicology: Clinical Toxicology</i> , <b>1982</b> , 19, 661-88		16
29	Identification of metabolites of 5,11-dimethylchrysene and 5,12-dimethylchrysene and the influence of a peri-methyl group on their formation. <i>Carcinogenesis</i> , <b>1982</b> , 3, 1159-63	4.6	8
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27	Tumour initiating activity of dihydrodiols of benzo[b]fluoranthene, benzo[j]fluoranthene, and benzo[k]fluoranthene. <i>Carcinogenesis</i> , <b>1982</b> , 3, 49-52	4.6	44
26	Metabolism of NPnitrosornicotine by cultured rat esophagus. <i>Carcinogenesis</i> , <b>1982</b> , 3, 453-6	4.6	32
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24	Comparative tumor initiating activity on mouse skin of 6-nitrobenzo[a]pyrene, 6-nitrochrysene, 3-nitroperylene, 1-nitropyrene and their parent hydrocarbons. <i>Cancer Letters</i> , <b>1982</b> , 16, 333-7	9.9	111
23	Comparative carcinogenicity of o-toluidine hydrochloride and o-nitrosotoluene in F-344 rats. <i>Cancer Letters</i> , <b>1982</b> , 16, 103-8	9.9	21
22	Identification of metabolites of benzo[b]fluoranthene. <i>Carcinogenesis</i> , <b>1982</b> , 3, 171-4	4.6	22
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20	Effects of ortho-methyl substituents on the mutagenicity of aminobiphenyls and aminonaphthalenes. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , <b>1981</b> , 90, 345-54		22
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16	The formation of azoxy-2-phenylethane during the biological oxidation of phenylethylamine by rabbit liver microsomes. <i>Carcinogenesis</i> , <b>1981</b> , 2, 165-73	4.6	2
15	Tumor initiating activity of 5,11-dimethylchrysene and the structural requirements favoring carcinogenicity of methylated polynuclear aromatic hydrocarbons. <i>Cancer Letters</i> , <b>1979</b> , 8, 65-70	9.9	32
14	Alpha-hydroxylation of N-nitrosopyrrolidine and NPnitrosornicotine by human liver microsomes. <i>Cancer Letters</i> , <b>1979</b> , 8, 35-41	9.9	25

13	Comparative tumor initiating activity of 10-methylbenzo-[a]pyrene, 7,10-dimethylbenzo[a]pyrene and benzo[a]pyrene. <i>Cancer Letters</i> , <b>1978</b> , 5, 179-83	9.9	6
12	Reaction of nicotine and sodium nitrite: formation of nitrosamines and fragmentation of the pyrrolidine ring. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 72-6	4.2	67
11	Tobacco-specific nitrosamines: formation from nicotine in vitro and during tobacco curing and carcinogenicity in strain A mice. <i>Journal of the National Cancer Institute</i> , <b>1978</b> , 60, 819-24	9.7	125
10	Kinetics of nornicotine and anabasine nitrosation in relation to NPnitrosonornicotine occurrence in tobacco and to tobacco-induced cancer. <i>Journal of the National Cancer Institute</i> , <b>1977</b> , 59, 1211-3	9.7	22
9	A study of tobacco carcinogenesis. XV. Effects of NPnitrosonornicotine and NPnitrosoanabasine in Syrian golden hamsters. <i>Cancer Letters</i> , <b>1977</b> , 2, 169-75	9.9	41
8	Synthesis of N-nitrosamino aldehydes. <i>Tetrahedron Letters</i> , <b>1976</b> , 17, 593-596	2	5
7	A study of tobacco carcinogenesis. XIII. Tumor-promoting subfractions of the weakly acidic fraction. <i>Journal of the National Cancer Institute</i> , <b>1975</b> , 55, 1329-36	9.7	30
6	Chemical studies on tobacco smoke. XXXIII. NP-nitrosonornicotine in tobacco: analysis of possible contributing factors and biologic implications. <i>Journal of the National Cancer Institute</i> , <b>1975</b> , 54, 1237-44 <sup>9.7</sup>	9.7	60
5	A study of tobacco carcinogenesis. XIV. Effects of NPnitrosonornicotine and NPnitrosoanabasine in rats. <i>Journal of the National Cancer Institute</i> , <b>1975</b> , 55, 977-81	9.7	75
4	A study of chemical carcinogenesis: Comparative carcinogenicity of 5-methylchrysene, benzo(a)pyrene, and modified chrysenes. <i>Cancer Letters</i> , <b>1975</b> , 1, 147-153	9.9	21
3	Reaction of hydrazine with 1,2-diphenyl-3-dibenzoylmethylenecyclopropene and 1,2-diphenyl-3-diacetylmethylenecyclopropene; formation of pyridazines. <i>Tetrahedron Letters</i> , <b>1972</b> , 13, 3731-3734	2	1
2	Alkylation of metal derivatives of 1,3-diphenyl-1,3-propanedione with 1,2-diphenyl-3,3-dichlorocyclopropene. <i>Tetrahedron Letters</i> , <b>1970</b> , 11, 4385-4388	2	5
1	Carcinogen Metabolites as Biomarkers <sup>97-110</sup>		